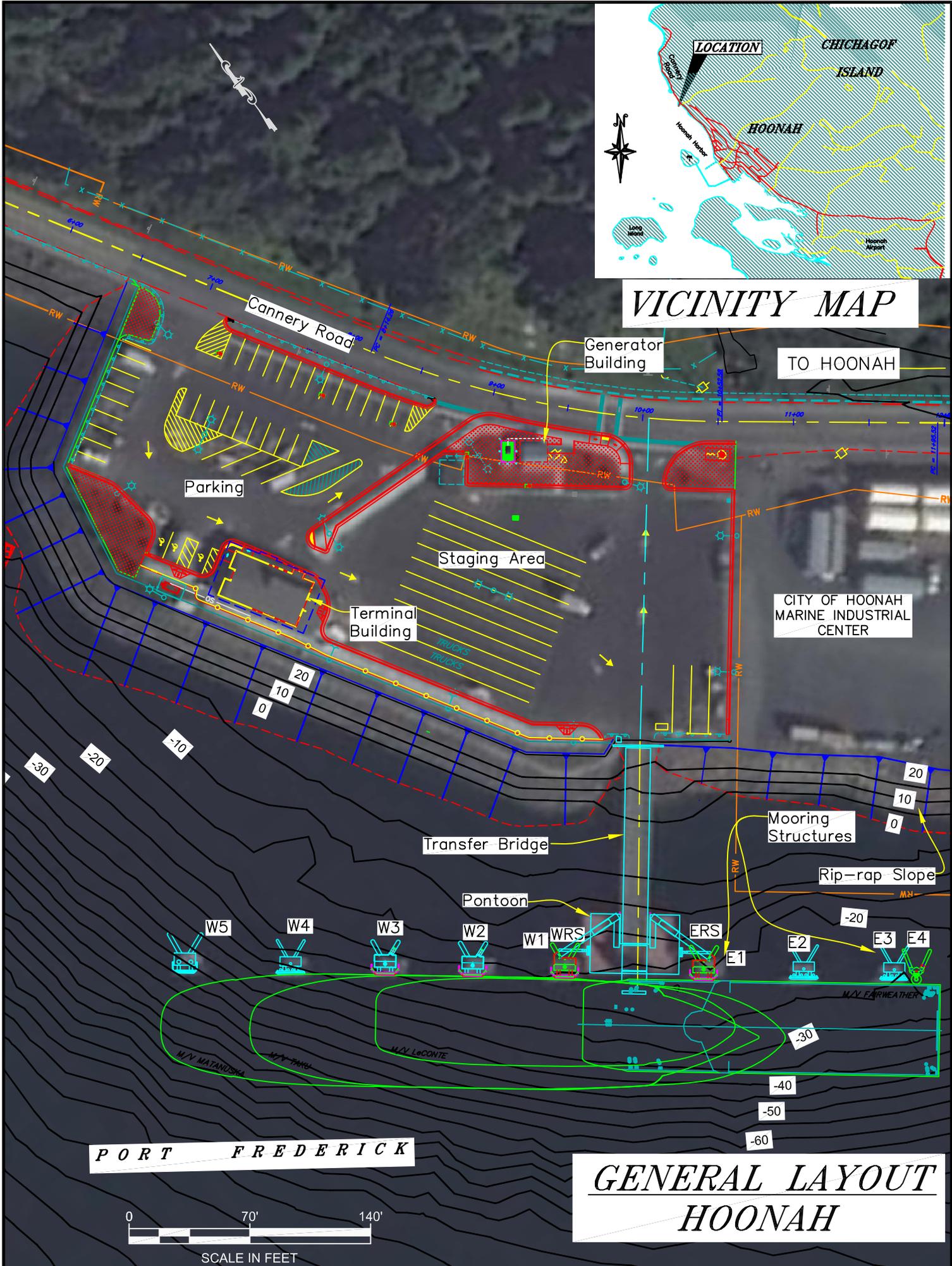


**VICINITY MAP**



**PORT FREDERICK**

**GENERAL LAYOUT  
HOONAH**



TO HOONAH

CITY OF HOONAH  
MARINE INDUSTRIAL  
CENTER

Transfer Bridge

Mooring Structures

Rip-rap Slope

Pontoon

W5

W4

W3

W2

W1

WRS

ERS

E1

E2

E3

E4

-30

-40

-50

-60

Parking

Staging Area

Terminal Building

Cannery Road

Generator Building

-10

-20

-30

10

20

0

20

10

0

-20

# Hoonah Ferry Terminal

1 Mile Cannery Road

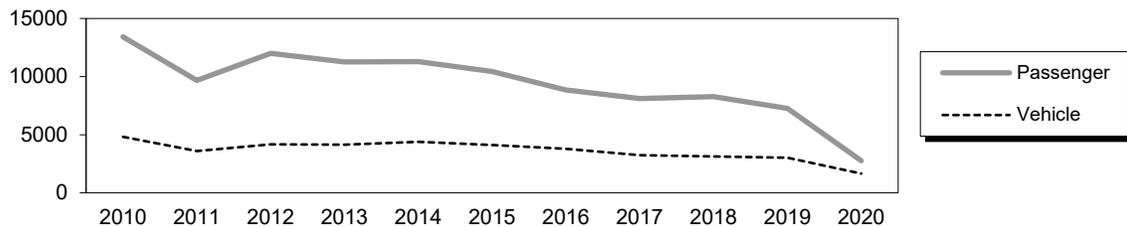
**Owner:** State of Alaska

**Terminal Manager:** Lyna Johanson – 907-945-3543

**Terminal Description:** Hoonah Ferry Terminal is located on the NW shore of Port Fredrick, within a mile of the city center. The terminal consists of a passenger waiting building, staging area, generator building, transfer bridge, bridge pontoon, intermediate ramp with apron and (9) breasting/mooring structures.

This is a side-loading terminal that serves primarily the MV LeConte but its mooring facilities can accommodate all ferries.

Summary of passenger and vehicle traffic volumes (source: <https://dot.alaska.gov/amhs/reports.shtml>):



The most recent above water and underwater surveys were completed on April 29, 2021 and August 19, 2021, respectively. Copies of these reports are available upon request from ADOT&PF – Marine Design Department.

<b>Vessels</b>	
Name	Berthing, Alignment
Mat / Mal / Taku/ Leconte	Port

<b>Tidal Data (MLLW 0.0 feet)</b>	
EHW	20.0
MHHW	14.8
MHW	13.9
ELW	-5.1

<b>Generator &amp; Building</b>	
Year Built:	1992 (exterior siding - 2010)
Square Footage:	360 s.f.
Heating System:	Electric
Fuel Storage:	UST
Fire Protection:	N/A
Condition:	Good

<b>Vehicle Transfer Bridge - #0179</b>	
Type:	16' x 130' steel multi-girder
Year Built:	2011
Shoreward support:	Concrete abutment (1973)
Seaward support:	Steel Support Float
Coating:	Spray metallized w/topcoat
Pedestrian Access:	Concrete 4' wide on bridge
Lighting:	(3) Overhead Light Posts
Condition:	New
Load Posting Sign:	N/A
Original Design Load:	HL93

<b>Uplands</b>	
Short-Term Parking:	22 cars
Long-Term Parking:	0
Staging Area:	610 lineal feet, 4 lanes
Paint Striping:	Yes
Driving Surface:	Asphalt

<b>Terminal Building</b>	
Year Built:	2011
Square Footage:	1472 s.f.
Heating System:	Monitor
Fuel Storage:	500 gal UST
Fire Protection:	None
Condition:	Good

<b>Bridge Support Float</b>	
Type:	40' x 60' Steel Flexi-float
Year Built:	2011 (Intermediate Ramp & Apron reused).
Ballasted:	No
Ramp lift:	Hydraulic/Cable (1994)
Apron lift:	Hydraulic/Cable (1994)
Anodes:	Yes
Float Condition:	Good

<b>Utilities</b>		
	at Terminal	at Ramp
Electrical:	Yes, city & backup power	
Water:	Yes	No
Sewer:	Yes (City)	No
Telephone:	Yes	No
Cable TV:	Yes	No
Fuel:	Yes	No
Wireless Bridge:	Yes	N/A

<b>Dolphins</b>							
Dolphins	Dolphin Piles	Fender Support	Fender Face	Anodes	Built	Cond.	Notes
W5	2B, 2V	Hanging	UHMW	-	2006	Good	Windsock & Red navlight
W4	2B, 1V	4V	Ekki Timber	-	1993	Fair	
W3	2B, 2V	Hanging	UHMW	Yes	2010	New	
W2	2B, 2V	Hanging	UHMW	Yes	2010	New	
W1	2B, 2V	Hanging	UHMW	Yes	2010	New	
E1	2B, 2V	Hanging	UHMW	Yes	2010	New	
E2	2B, 1V	4V	Ekki Timber	-	1993	Fair	
E3	2B, 1V	4V	Ekki Timber	-	1993	Fair	
E4	2B, 3V	Floating	Rubber	Yes	2010	New	White nav light
ERS	1B, 1V	-	-	-	1993	Fair	
WRS	1B, 1V	-	-	-	1993	Fair	

<b>Terminal Projects</b>			
<b>Year</b>	<b>Project #</b>	<b>Project Name</b>	<b>Description</b>
1973	S-0918(1)	HNH Ferry Terminal Construction	Original fill onto tidelands, with Shelter and separate vault toilet on uplands; built transfer bridge, flexifloat seaward support (w/ concrete anchors), ramp lift system and four concrete capped, steel pile mooring dolphins (E1, W1-3).
1975	??	HNH Ferry Terminal Building	Construct the terminal building.
1986	X-70006	HNH Ferry Terminal North Dolphin Repair	Remove existing and install new fender panel from dolphin W3; Loosen existing concrete cap from existing dolphin piles and level.
1987	RS-0005(78)	Southeast Secondary Upgrade	Recoated and installed new zincs on flexi-floats; Recoated ramp, apron, transfer bridge; Replaced expanded metal mesh on bridge; Upgrade to dolphin fenders.
1992	74905 -RS-0918 (5)	HNH Ferry Terminal	Expanded the staging and parking areas, along with grading, paving, lighting and drainage improvements.
1993	75130 -RS0989	HNH Ferry Terminal Mooring	Installed new mooring structures W4 & E2-3; Replaced fender on W1; Installed new barge fenders and restraint structures.
1996	75455 -STP-0918 (6)	HNH Ferry Terminal Ramp & Apron Upgrade	Replace ramp and apron with newer hydraulically controlled units.
2006	67488	Kake & Hoonah Ferry Terminal Dolphins	Install new lead-in dolphin W5.
2010	67813	HNH Ferry Terminal Improvements	Expanded the staging & parking areas, constructed new terminal building, connected building to City sewer system.
2011	69311	HNH FT Marine Structures	Replaced the vehicle transfer bridge, float system, mooring dolphins E1 & W1, W2 and W3, installed new gangways & platforms to access dolphins E1 & W1 for line handling. Installed new dolphin E4 for all-tide mooring of the FVF.

### General Facility Evaluation

<b>Facility Component</b>	<b>Rating</b>
Bridge	8
Abutment & float	5
Apron	6
Mooring Structures	6
Uplands Staging area	7
Uplands Waiting Building	8
Utilities	7

9	EXCELLENT CONDITION
8	VERY GOOD CONDITION - no problems noted
7	GOOD CONDITION - some minor problems.
6	SATISFACTORY CONDITION - structural elements show minor deterioration
5	FAIR CONDITION - all primary structural elements are sound but may have minor corrosion, cracking or chipping. May include minor erosion on bridge piers.
4	POOR CONDITION - advanced corrosion, deterioration, cracking or chipping. Also significant erosion of concrete bridge piers.
3	SERIOUS CONDITION - corrosion, deterioration, cracking and chipping, or erosion of concrete bridge piers have seriously affected deck, superstructure, or substructure. Local failures are possible.
2	CRITICAL CONDITION - advanced deterioration of deck, superstructure, or substructure. May have cracks in steel or concrete, or erosion may have removed substructure support. It may be necessary to close the bridge until corrective action is taken.
1	"IMMINENT" FAILURE CONDITION - major deterioration or corrosion in deck, superstructure, or substructure, or obvious vertical or horizontal movement affecting structure stability. Bridge is closed to traffic but corrective action may put back in light service.
0	FAILED CONDITION - out of service - beyond corrective action
N	Not applicable